FILE COPY Page 1 of 10 A7 Y. DOCKET NO. 1488.0420001 APPLICATION NO. 08/874,460 FORM PTO-1449 APPE CANTS Weilet al. INFORMATION DISCLOSURE STATEME LING DATE **GROUP** June 16, 1997 To be assigned PATENT DOCUMENTS **EXAMINER** DOCUMENT NUMBER NAME INITIAL DATE **CLASS** SUB-CLASS FILING DATE AA1 5,278,287 01/11/1994 Rollins et al. 530 351 04/13/1993 AB1 5,306,709 04/26/1994 Gewirtz 514 12 11/15/1991 AC1 5,504,003 04/02/1996 435 240.2 03/08/1994 Li et al. 435 12/22/1993 AD1 5,556,767 09/17/1996 Rosen et al. 69.1 5,605,817 02/25/1997 435 AF1 Coleman et al. 69.5 01/19/1995 AF AG AH ΑI ΑJ ΑK FOREIGN PATENT DOCUMENTS EXAMINER COUNTRY INITIAL DOCUMENT NUMBER DATE CLASS SUB-CLASS TRANSLATION WO 90/02762 03/22/1990 WIPO Yes AL1 No 01/09/1992 WIPO WO 92/00326 Yes AM1 No WO 92/00327 01/09/1992 WIPO Yes AN1 No WO 92/05198 04/02/1992 WIPO Yes AO1 No WO 92/13553 08/20/1992 WIPO Yes AP1 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Bischoff, S.C. et al., "Monocyte Chemotactic Protein 1 Is a Potent Activator of Human Basophils," AR 1 J. Exp. Med. 175:1271-1275 (1992). Bischoff, S.C. et al., "RANTES and related chemokines activate human basophil granulocytes through AS 1 different G protein-coupled receptors," Eur. J. Immunol. 23:761-767 (1993). Chang, M.S. et al., "Cloning and Characterization of the Human Neutrophil-activating Peptide (ENA-ΑT 1 78) Gene," J. Biol. Chem. 269(41):25277-25282 (1994).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

DATE CONSIDERED

EXAMINER

				THO I						Page 2 of 10
			1	33 NIVIL P	ATT 148	Y. DOCKET NO. 8.0420001		APPLIC 08/874	ATION NO.	
		FORM PTO-14 ON DISCLOSU	49	OCT 6		LICANTS				
IN	FORMATIO	ON DISCLOSU	RE STATE	MENT 997	Wei	et al. ING DATE		GROUP		10111
			`	ADDITION OF		e 16, 1997			assigned	16 96
	т —	1		U.	S. PATEN	T DOCUMENTS			·	
EXAMINER INITIAL		DOCUMENT I	NUMBER	DATE	NAME		С	LASS	SUB-CLASS	FILING DATE
	AA		-							
	АВ									
	AC	<u> </u>								
	AD	<u> </u>			_	 			 	
	AF			<u> </u>						
	AG					·				
	AH									
	AI									
	AJ									
	AK	<u> </u>		L						
	1	· · · · · · · · · · · · · · · · · · ·		FOR	EIGN PATI	ENT DOCUMENTS			Γ	
EXAMINER INITIAL		DOCUMENT I	IUMBER	DATE	COUNT	RY	c	LASS	SUB-CLASS	TRANSLATION
1910	AL2	WO 93/0979	79	05/27/1993	WIPO			\ <u> </u>	_/	Yes No
	AM2 _	WO 95/1709		06/29/1995	WIPO			$\overline{}$		Yes No
	AN2	WO 96/1697	79 _	06/06/1996	WIPO				7	Yes No
	A02	WO 96/2466	58 —	08/15/1996	WIPO		/	_		Yes No
\mathcal{N}	AP2									Yes No
			OTHER (Including Auth	or, Title	e, Date, Pertine	nt Pages, etc	.)		
	AR	Damm Chem (199	otactic	t al., "Structu Proteins (MCP-	ural and -2 and MC	Functional Ident P-3) Belonging t	ification of to the Chemoki	Two Kuma ne Famil	n, Tumor-der y," <i>J. Exp</i> .	ived Monocyte Med. 176:59-65
	Fuentes, M.E. et al., "Controlled Recruitment of Mono-cytes and Macrophages to Specific Organs Through Transgenic Expression of Monocyte Chemoattractant Protein-1," J. Immunol. 155:5769-5776 (December 1995).									
	AT	2 Grahin D	am, G.J evelopm	. and Pragnell, ent," <i>Devel</i> . <i>Bi</i>	, I.B., " ol. 151:	SCI/MIP-1α: A Pα 377-381 (1992).				tential Roles
EXAMINER /	Mu	VIA	\nearrow	Me			DAT	E CONSIDE	25/90P	
EXAMINER: Init	tial if	reference co	nsider	ed, whether or onsidered. In	not cita	tion is in confo y of this form w	ormance with M	PEP 609.	Draw line	through

Page 3 of 10

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTX DOCKET	NO.
1/0830/07/20001	

APPLICATION NO. 08/874,460

ADEMP PLICANTS

			LLUSUKE STATE		FILING DATE June 16, 1997	-	GROUP To be assigned	16:46
	,			U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	SS SUB-CLASS	FILING DATE
	AA							
	АВ		***					
	AC							
	AD							
	AE							
	AF							
	AG	<u> </u>				_		
	AH							
	AI	ļ						
	AJ	-						
	AK	<u> </u>						
	1			FOREI	GN PATENT DOCUMENTS			
EXAMINER INITIAL	ļ	DOCU	MENT NUMBER	DATE	COUNTRY	CLA	SS SUB-CLASS	TRANSLATION
	AL	ļ						Yes
	AM							Yes No
	AN					:		Yes
	AO							Yes
	AP							Yes No
		-	OTHER (Including Author	, Title, Date, Pertinent Pages	etc.)		.1. "
AD	AR	EW IN	Chemokine F	amily," J. Immuno	Cloning and Functional Charac 1. 155:5352-5358 (December 199 nokines: progress toward ident ebruary 1996).	95).		
EXAMINER \	AT A	3	Jiang, Y. e Cytokine Pr	t al., "Monocyte oduction in Human	Chemoattractant Protein-1 Regn Monocytes," J. Immunol. 148(8	3):2423-	Adhesion Molecule 2428 (1992).	Expression and

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page	4	Λf	10

FORM PTO-1449

INFORMATION DISCLOSURE STATEMEN

A TY. DOCKET NO. 1488.0420001

APPLICATION NO. 08/874,460

Wei et al.

FILING DATE June 16. 1997 GROUP

16A

					June 16, 199	7	To be	_assigned	1646		
					U.S. PATENT DOCUMEN	ITS					
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE		
	AA										
	AB	-									
	AC	-									
	AD	-									
	AE	+									
	AF AG	1									
	AH	-									
	AI	 						_			
	AJ	1									
	AK										
				FC	REIGN PATENT DOCUME	ENTS					
EXAMINER INITIAL		DOCUM	ENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION		
		1	LIVI NOVIDEN	5,112	COUNTRY		CLASS	JOB CLASS	Yes		
	AL	ļ	······································						No		
	AM								Yes No		
	AN					- "			Yes		
	AO								Yes		
·- · · · · · · · · · · · · · · · · · ·									Yes		
	AP		OTUED (Indiadina Au	han Tible Date 5		>	<u> </u>	No.		
	Γ		OTHER (including Aut	thor, Title, Date, F	ertinent Pages, et	(c.)	· · · · · · · · · · · · · · · · · · ·			
He	AR	4	Johnson II, macrophages	M.C. et al., " Gene 151:3:	"Cloning of two ra 37-338 (1994).	bbit <i>GRO</i> homologues	s and thei	r expression	in alveolar		
	AS Jose, P.J. et al., "Eotaxin: A Potent Eosinophil Chemoattractant Cytokine Detected in a Guinea Pig Model of Allergic Airways Inflammation," J. Exp. Med. 179:881-887 (1994).										
	Kurdowska, A. et al., "Biological and Kinetic Characterization of Recombinant Human Macrophage Inflammatory Peptides 2 Alpha and Beta and Comparison with the Neutrophil Activating Peptide 2 and Interleukin 8," Cytokine 6(2):124-134 (1994).										
EXAMINER	ull	le /	1/1			1/9/					
EXAMINER: Ini	tial if	refere	nce consider	ed, whether o	r not citation is i nclude copy of this	n conformance with	MPEP 609.	Draw line	through		

			/ ANL R	ATTY. DOCKET NO.					
			Mu	P 1488.0420001		APPLICATION NO 08/874,460) .		
TA	I FORMAT T	FORM PTO-1449 ON DISCLOSURE STATE	52 OCT 6	APILICANTS We et al.			_		
, r	II ONNAT I	ON PISCLOSURE SIATI	1997	FILING DATE		GROUP To be assigned	11/26		
			PADEMAN	PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	CLID CL	400 511 1110 0475		
INITIAL	AA	DOCOMENT NOMBER	DATE	NAME	CLA	SS SUB-CL	ASS FILING DATE		
	AB								
	AC								
	AD								
	AE								
	AF								
	AG	 	· · · · · · · · · · · · · · · · · · ·						
	AH	<u> </u>							
	AJ								
	AK								
	*		FORE	GN PATENT DOCUMENTS					
EXAMINER									
INITIAL	1	DOCUMENT NUMBER	DATE	COUNTRY	CLA	SS SUB-CL			
	AL						Yes No		
	AM						Yes No		
			:				Yes		
	AN						No Yes		
	AO						No Yes		
	AP	-	<u> </u>	<u> </u>			No.		
	, 1	OTHER (Including Author	, Title, Date, Pertinent I	ages, etc.)				
BA	AR	5 Lukacs, N.W induced Gra	. et al., "The R nulomatous Infla	ole of Macrophage Inflamma mmation," J. Exp. Med. 177	tory Proteir :1551-1559 (n 1α in Schisto 1 993).	osoma mansoni Egg -		
	AS	AS Σ Luo, Y. et al., "Biologic Activities of the Murine β-Chemokine TCA3," J. Immunol. 153:4616-4624 (1994).							
	AT	5 Human Perip	et al., "Uncou heral Blood Neut I. Immunol. 150:4	pling of Early Signal Tran rophils in Response to Rec 550-4560 (1993).	sduction Eve ombinant Mad	ents from Effec crophage Inflam	tor Function in matory Proteins-1α		
EXAMINER	Live	h 17.			DATE	CONSIDERED	/01/		
EXAMINER Ini	tial of	reference consider	ed, whether or n	ot citation is in conforma ude copy of this form with	nce with MPI	P 609. Draw l	ine through		

Page 6 of 10

				MAIL ROOM	ATTY. DOCKET NO. 1488.0420001		APPL I C. 08/874	ATION NO.	rage o or to	
			TO-1449	OCT	APPLICANTS Wei et al.					
IN.	FORMALIO	IN DISC	CLOSURE STATE	1997 A	FILING DATE		GROUP	_		
				TPADEMARY.	// June 16, 1997 PA∮ENT DOCUMENTS		To be	assigned		
EXAMINER				All sales	I	T				
INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLAS	S	SUB-CLASS	FILING DATE	
	AA AB	 								
	AC	<u> </u>				 				
	AD									
	AE									
	AF									
	AG					<u> </u>				
	AH					-		<u> </u>		
	AI	_				+				
	AJ AK					+				
	AK	<u>. </u>		FORETI	GN PATENT DOCUMENTS					
EXAMINER				TOREIG	di Patent Docoments	T				
INITIAL		DOCUM	ENT NUMBER	DATE	COUNTRY	CLAS	S	SUB-CLASS	TRANSLATION	
	AL								Yes No	
						1			Yes	
	AM								No Yes	
	AN					ļ		· · · · · · · · · · · · · · · · · · ·	No Yes	
	AO								No No	
	AP								Yes No	
			OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)				
M	AR	<u>ه</u>	Miller, M.D. Chemotactic	and Krangel, M. and Inflammatory	.S., "Biology and Biochemistry of Cytokines," <i>Crit. Rev. Immunol</i> .	f the (Chemoki 2):17-4	ines: A Fan 46 (1992).	nily of	
	AS 6 Minty, A. et al., "Molecular cloning of the MCP-3 chemokine gene and regulation of its expression," Eur. Cytokine Netw. 4(2):99-110 (1993).									
	Opdenakker, G. et al., "Human monocyte chemotactic protein-3 (MCP-3): molecular cloning of the cDNA and comparison with other chemokines," Biochem. Biophys. Res. Comm. 191(2):535-542 (1993).									
EXAMINER (am)H		2		DATE C	ONSIDE	RED	Eug .	
EXAMINER: Init	ial if i	refere forman	nce considere	d, whether or no ensidered. Inclu	ot citation is in conformance wit ude copy of this form with next o	h MPEI	P 609.	Draw line to Applica	through ant.	

•

.

				RA					Page 7 of 10
				AND THE STATE OF T	ATTY. DOCKET NO. 1488.0420001		APPLIC 08/874	ATION NO.	
			TO-1449 52	6.	APPLICANTS Wei et al.			·	
IN	FORMATIO	ON DISC	CLOSURE SUPPLE	WENTS /	FILING DATE June 16, 1997		GROUP	assigned	16.46
				U.S	PATENT DOCUMENTS		110 00	ass i gricu	700-
EXAMINER									
INITIAL	AA	Docui	MENT NUMBER	DATE	NAME	CL	ASS	SUB-CLASS	FILING DATE
	AB								
	AC					1			
	AD								
	AE								
	AF	ļ							
	AG	ļ				 			
	AH	 				-		,	
	AI	1				+			
	AK	1				+			
	7.00			FORE I	GN PATENT DOCUMENTS				
EXAMINER									-
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	АМ								Yes No
	AN								Yes No
	AO								Yes No
	AP						-		Yes
	AP	<u> </u>	OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.			No
	1		OTHER (Including Addition	, Titte, Date, Pertment Pages,	etc.	·		
	AR	z .–	Poltorak, A. Differentia (1994).	et al., "Molect Screening Base	ular Cloning of MIP-1y, A New Me d on Extinction of Macrophage-Sp	ember Decifi	of the (c Genes	Chemokine Fa " Clin. Res	nmily, Through . 42(2):306A
	AS Z Power, C.A. et al., "Cloning of a full-length cDNA encoding the neutrophil-activating peptide ENA-78 from human platelets," Gene 151:333-334 (1994).								
	AT	Z	Proost, P. o Sequence and	et al., "Human a d Functional Cha	nd Bovine Granulocyte Chemotacti racterization as Chemokines," <i>Bi</i>	c Pro ochem	tein-2: istry 32	Complete A :10170-1017	mino Acid 7 (1993).
EXAMINER	\mathcal{N}	UM	Ha	XX		DATE	CONSIDE	RED	91
EXAMINER: Init	fal if	refere	nee considere	ed, whether or n	ot citation is in conformance wi ude copy of this form with next	th MP	EP 609.	Draw line	through
CITATION IT NO	۵۰۱ تارپ	· or man	ce and HOL CO	onstuered. Incl	ade copy or this form with next	CONTINU	incación	i to Applica	III L

			_		AVL ROO				Page 8 of 10
				50	@488.0420011			CATION NO.	
	`	FORM P	PTO-1449	(52	APPLICANTS		08/874	4,460	
1	NFORMATI	ON DIS	CLOSURE STATE	MENT .	i dei et j		I		1//
					0, 1997		GROUP To be	assigned /	546
		•			S. PATENT DOCUMENTS	,			
EXAMINER									
INITIAL	-	DOCU	MENT NUMBER	DATE	NAME	CI	LASS	SUB-CLASS	FILING DATE
	AA AB	+	<u></u>						
	AC	 							
	AD	1							_
	AE								
_	AF								
	AG								
	AH	<u> </u>							
	AI	<u> </u>							
	AJ	 							
	AK	<u>. </u>			<u> </u>				
EVANIUED.	1	T		FOR	EIGN PATENT DOCUMENTS			T	
EXAMINER INITIAL	1	DOCU	MENT NUMBER	DATE	COUNTRY	C	LASS	SUB-CLASS	TRANSLATION
									Yes
	AL	-						_	No
	AM								Yes No
									Yes
	AN	1							No
	AO	1							Yes No
									Yes
	AP			<u> </u>					No
· · · · · · · · · · · · · · · · · · ·	1		OTHER (Including Auth	or, Title, Date, Pert	inent Pages, etc	.)		
M	AR	<u>8</u>	Proost, P. (Bovine Mono	<i>et al.</i> , "Purifi cyte Chemotacti	cation, Sequence Anal c Protein-1 (Bo MCP-1	ysis, and Biolog 1B)," <i>Biochemistr</i>	ical Cha y 33:134	nracterizatio 06-13412 (19	on of a Second 94).
	AS	<u>-8</u>	Proudfoot, Initiating (1996).	A.E.I. <i>et al.</i> , Methionine Proc	"Extension of Recombi duces a Potent Antagor	nant Human RANTE nist," J. Biol. C	S by the hem. 271	e Retention c	of the 3 (February
	AT	8	Schulz-Knap (January 19		"HCC-1, a Novel Chemo			J. Exp. Med	. 183:295-299
EXAMINER L	-/ ^	1-	11/1/1/	/\		IDAI	C CON21D	CKEO/	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation it not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 9 of 10

ATTY DECKET NO. 1488.04200010FMAR

APPLICATION NO. 08/874,460

APPLICANTS Wei et al.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

					FILING DATE June 16, 1997		GROUP To be	assigned	16 H
				U.S.	. PATENT DOCUMENTS			7	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE
	AA								
	AB								
	AC	ļ							
	AD	ļ							
	AE	 							
	AF					_			
	AG AH								
	AI								
	AJ	1	· · · · · ·						
	AK	 							
		<u> </u>		FOREI	GN PATENT DOCUMENTS				· · · · · · · · · · · · · · · · · · ·
EXAMINER									
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLA	SS	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM					ŀ			Yes No
	AN								Yes No
									Yes
	AO					_			No Yes
	AP				<u> </u>				No
/=	-		OTHER (Including Author	, Title, Date, Pertinent Pages	, etc.)			
	AR AS	2 _	60 (January Yoshida, T.	et al., "Molecu	ctivity and antagonism of chemo	_			
	AT A		Youn, B.S.	(February 1995) et al., "A novel lony formation o	chemokine, macrophage inflamma f bone marrow myeloid progenito	ors," J	. Immun	ol. 155(5):	tein-2, 2661-2667
EXÀMINER	X/M	M	the Sh	<i>J</i>		DATE	CONSTR	RES /	
EXAMINER: In	It al if ot in cor	refere formar	ence consider nce and not c	ed, whether or n onsidered. Incl	ot citation is in conformance wude copy of this form with next	ith MP	EP 609. nicatio	Draw line n to Applica	through

Page 10 of 10

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.199 MADEMAN APPLICANTS

APPLICATION NO. 08/874,460

Wei et al.

FILING DATE

GROUP

					June 16, 1997	To be	assigned	1046
				u.s.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	AB							
	·AC							
	AD							
	AE	ļ				<u> </u>		
	AF							
	AG	<u> </u>						
	AH	}				ļ		
	AI	<u> </u>		•		<u> </u>		
	AJ	├						
	AK			50051	ON DATENT DOGRAFATO	<u> </u>		
EXAMINER	Ι	Т		FUKE I	GN PATENT DOCUMENTS	I		
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
	АМ							Yes No
	AN							Yes
								No Yes
	AO							No Yes
	AP		OTUED (<u> </u>	Title Date Destinated		<u> </u>	No
			OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)		
SP	AR	10	Internation 1995).	al Search Report	for WO Application No. PCT/US95/	709058 (Mail	ing Date: Od	ctober 19,
	AS	10						
Л	AT	10						
EXAMINER Jav	refa	1	24			DATE CONSTITUTE	RED	
EXAMINER: Init	tial if	refere forman	ence eonsider ace and not c	ed, whether or no onsidered. Incl	ot citation is in conformance wit ude copy of this form with next o	h MPEP 609.	Draw line n to Applica	through